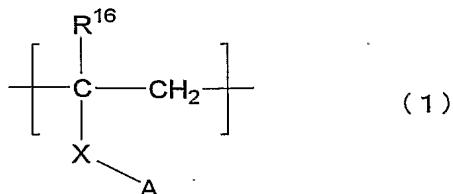


CLAIMS

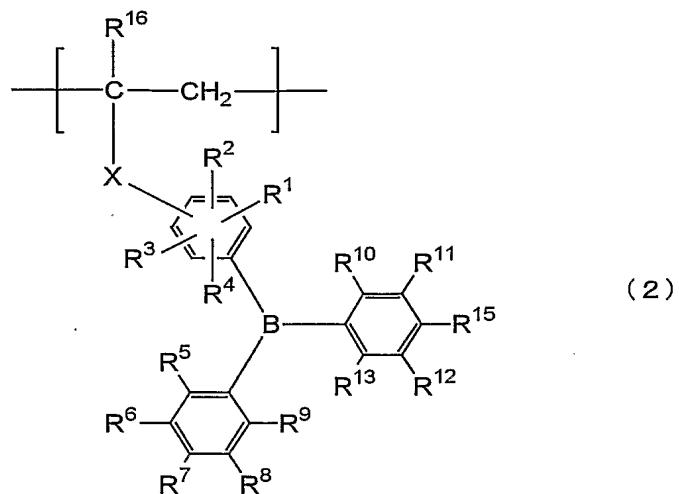
1. A polymer compound characterized by comprising a monomer unit represented by formula (1):



5 wherein, A represents a triphenyl boron group in which the phenyl group may be substituted, R^{16} represents a hydrogen atom or an alkyl group having 1 to 12 carbon atoms. X represents a single bond, $-O-$, $-S-$, $-SO-$, $-SO_2-$ or a divalent hydrocarbon group having 1 to 20 carbon atoms which may have a hetero atom.

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2. The polymer compound as claimed in claim 1, comprising a monomer unit represented by formula (2):



wherein, R^{16} and X have the same meanings as defined in above 15 respectively, R^1 to R^{15} independently represent a hydrogen atom, a halogen atom, a cyano group, an amino group, a hydrocarbon alkyl group

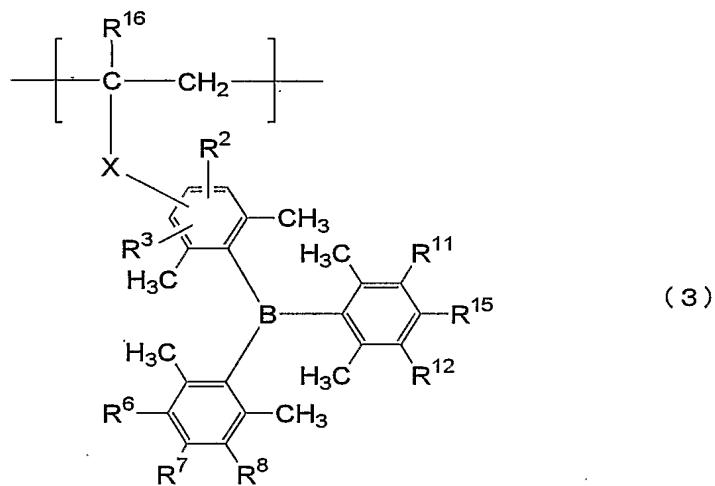
having 1 to 12 carbon atoms, an alkoxy group having 1 to 12 carbon atoms, an aryloxy group, an aromatic group or a heterocyclic group. Among R¹ to R¹⁵, those adjacent to each other on one phenyl group may be bonded to form a condensed ring.

5

3. The polymer compound as claimed in claim 2, wherein in the monomer unit represented by formula (2), at least four of R¹, R⁴, R⁵, R⁹, R¹⁰ and R¹³ each represent an alkyl group having 1 to 6 carbon atoms or alkoxy group having 1 to 6 carbon atoms (provided that R¹ and R⁴ are at ortho positions with respect to the substitution position of the boron atom).

10 4. The polymer compound as claimed in claim 2 or 3, comprising a monomer unit represented by formula (3):

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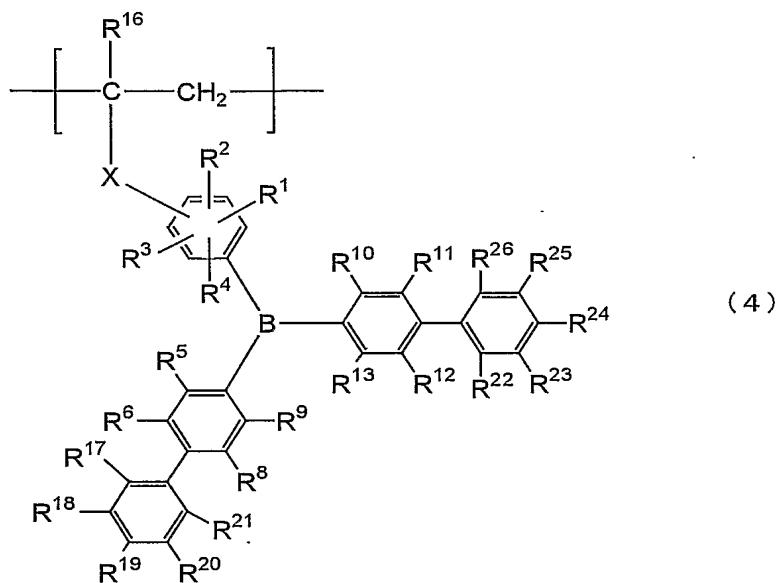


wherein, R², R³, R⁶ to R⁸, R¹¹, R¹², R¹⁵ and R¹⁶ represent the same meanings as defined in above 2.

20

5. The polymer compound as claimed in claim 2 or 3, comprising a

monomer unit represented by formula (4) :



wherein R¹ to R⁶, R⁸ to R¹³ and R¹⁶ have the same meanings as defined in above 2 respectively, R¹⁷ to R²⁶ independently represent a hydrogen atom, a halogen atom, a cyano group, an amino group, a hydrocarbon alkyl group having 1 to 12 carbon atoms, an alkoxy group having 1 to 12 carbon atoms, an aryloxy group, an aromatic group or a heterocyclic group. Among R¹⁷ to R²⁶, those adjacent to each other on one phenyl group may be bonded with each other to form a condensed ring.

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6. The polymer compound as claimed in any one of claims 2 to 5, which is a light-emitting polymer compound comprising the monomer unit represented by formula (2)) described in claim 2 and a light-emitting monomer unit.

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7. The light-emitting polymer compound as claimed in claim 6, wherein light emitted by the light-emitting monomer unit is phosphorescence.

20 8. The light-emitting polymer compound as claimed in claim 7,

wherein the light-emitting monomer contains a transition metal complex.

9. The light-emitting polymer compound as claimed in claim 8,
5 wherein the light-emitting monomer unit contains a metal selected from metals of atomic numbers 39 to 48 and 72 to 80.

10. The light-emitting polymer compound as claimed in any one of claims 2 to 9, wherein the light-emitting polymer compound contains
10 a hole-transporting monomer unit.

11. A light-emitting composition, comprising a polymer compound containing the monomer unit represented by formula (2) described in claim 2 and a light-emitting compound.

15 12. The light-emitting composition as claimed in claim 11, wherein the light-emitting compound is a low molecular weight compound or a polymer compound.

20 13. An organic light-emitting device comprising one or more polymer layers between an anode and a cathode, wherein at least one of the polymer layers present between the anode and the cathode comprises the light-emitting polymer compound described in any one of claims 6 to 9.

25 14. An organic light-emitting device comprising one or more polymer layers between an anode and a cathode, wherein at least one of the polymer layers present between the anode and the cathode comprises the light-emitting composition described in claim 11 or 12.

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15. A light source for surface emission, a backlight for a display unit, a display unit, an illumination device or an interior or exterior accessory using the light-emitting device described in claim 13 or 14.

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